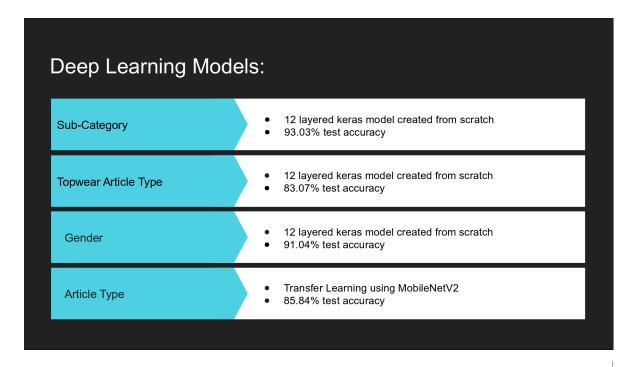
Deep Learning Model Flowchart **Model Creation Dataset selection Pre-processing Model Training** and evaluation of data and analysis Preprocessing of Two approaches: Fashion dataset Hyperparameters data to remove 1. Transfer including batch containing null values and Learning: size, number of around 44.4k models are unnecessary epochs, model images and categories. finetuned from complexity, information Data keras related to it. Augmentation, eg pretrained learning rate, Dropout, It has been : picture rotation models Normalization are Separated into 3 and flipping has 2. Models are tuned on the been done to created from categories, training data and 1. Training increase scratch with evaluated on the 2. Validation robustness. keras layers. test data. 3. Testing



SubCategory	Article Type	Color	Gender
and Usage			

"Topwear" "Bags" "Belts" "Bottomwear" "Dress" "Eyewear" "Flip Flops" "Fragrance" "Free Gifts" "Headwear" "Innerwear" "Jewellery", "Loungewear and Nightwear" "Mufflers" "Sandal" "Saree" "Shoes""Socks""Ties"

"Topwear" "Wallets" "Watches"

23 categories

67 categories

Jeans', 'Watches', 'Track Pants', 'Socks', 'Casual Shoes', 'Belts', 'Flip Flops', 'Handbags', 'Sandals', 'Shoe Accessories', 'Deodorant', 'Formal Shoes', 'Bracelet', 'Flats', 'Kurtas', 'Sports Shoes', 'Shorts', 'Briefs', 'Sarees', 'Heels', 'Sunglasses', 'Innerwear Vests', 'Pendant', 'Laptop Bag', 'Night suits', 'Skirts', 'Ring', 'Kurta Sets', 'Clutches', 'Backpacks', etc

Not done with a machine learning algorithm.

Done with python libraries including colorthief and webcolors which pick out the dominant colors in the image.

5 gender categories:
"Boys" "Girls" "Men"
"Unisex" "Women"

Usage: Only shown for sportswear